Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 16 Mar 2021 until 23:59 on Wednesday 17 Mar 2021

Forecast Issued on Monday 15 Mar 2021 at 11:14

Confidence: High for an improving day on Tuesday but some uncertainty in the timing of rain and low cloud clearance in the morning, give or take 1 or 2 hours. High for mainly dry conditions for the rest of the period with high pressure building.

Headline for Tuesday 16 Mar 2021: Low cloud and patchy rain clearing then dry and sunny in afternoon. Breezy on the tops.

Mountain weather hazards on Tuesday 16 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG		MIST				
Fog	Fog	Drizzle	Mist	Sunny intervals	Sunny	Clear night	Clear night
Precipitation probability							
80%	80%	80%	40%	<05%	<05%	<05%	<05%

Forecast for Tuesday 16 Mar 2021

Weather: Extensive low cloud with outbreaks of rain or drizzle overnight and for much of the morning, the rain mainly light in nature. This will clear south by early afternoon then dry with long spells of sunshine. Staying dry and clear in the evening.

Chance of cloud free mountain/hill tops above 600m: 5% overnight and for much of the morning but becoming 95% as cloud clears by early afternoon.

Visibility: Fog at most heights overnight and through much of the morning with extensive cloud down to low slopes. This will clear away during the late morning with excellent visibility in the afternoon.

Forecast for Tuesday 16 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SW	13/19 W	14/20 W	15/21 W	17/25 NW	16/25 N	13/20 N	11/17 NW	11/17 NW
300	5/12 SW	5/15 W	7/18 W	8/19 W	12/23 NW	14/26 N	8/19 N	6/15 NW	4/14 NW
Valley	3/9 SW	3/9 W	3/11 W	5/13 W	12/26 N	11/24 N	6/18 NW	6/16 NW	4/12 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	4/-0	5/0	5/1	7/3	8/4	6/3	4/-0	2/-2
300	5/3	5/3	6/4	7/5	10/7	11/8	8/6	5/3	3/1
Valley	6/5	6/5	6/5	8/6	12/9	12/10	8/7	6/4	4/2
Freezing Level*	1800m	1600m	1900m	2000m	1200m	1200m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Once the low cloud clears away and sun comes out it will feel very mild, even warm, in the afternoon at low levels with highs of 14 to 16 Celsius. Still feeling quite cold on the tops though with a fresh northerly wind.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 15 Mar 2021	5.6mm	13.8mm	31.4mm

Forecast for Wednesday 17 Mar 2021

Weather: Dry with bright or clear spells. A chilly start to the day and remaining rather cold on the tops throughout but becoming quite mild in the valleys.

Maximum wind: North or northwest, 20mph gusts 30mph decreasing to 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 90%.

Visibility: Generally very good. Patchy cloud obscuring the summits at the very start of the day, quickly lifting.

Temperature: **Valleys:** Plus 3C rising to 10 or 11C.
At 600m: Plus 1C rising to 7C.
Freezing level: Above summits.